

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/676,125A**DATE: 01/14/98
TIME: 11:52:54**INPUT SET: S22580.raw**

47
48 (ix) TELECOMMUNICATION INFORMATION:
49 (A) TELEPHONE: (617) 491-4343
50 (B) TELEFAX: (617) 491-8801
51
52
53 (2) INFORMATION FOR SEQ ID NO:1:
54
55 (i) SEQUENCE CHARACTERISTICS:
56 (A) LENGTH:8 amino acids
57 (B) TYPE: amino acid
58 (C) STRANDEDNESS: single
59 (D) TOPOLOGY: linear
60
61 (ii) MOLECULE TYPE: protein
62
63 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
64
65 Ile Val Gly Gly Thr Asn Ser Ser
66 1 5
67
68 (2) INFORMATION FOR SEQ ID NO:2:
69
70 (i) SEQUENCE CHARACTERISTICS:
71 (A) LENGTH:58 amino acids
72 (B) TYPE: amino acid
73 (C) STRANDEDNESS: single
74 (D) TOPOLOGY: linear
75
76 (ii) MOLECULE TYPE: protein
77
78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
79
80 Arg Pro Asp Phe Cys Leu Glu Pro Pro Tyr Thr Gly Pro Cys Lys Ala
81 1 5 10 15
82
83 Arg Ile Ile Arg Tyr Phe Tyr Asn Ala Lys Ala Gly Leu Cys Gln Thr
84 20 25 30
85
86 Phe Val Tyr Gly Gly Cys Arg Ala Lys Arg Asn Asn Phe Lys Ser Ala
87 35 40 45
88
89 Glu Asp Cys Met Arg Thr Cys Gly Gly Ala
90 50 55
91
92 (2) INFORMATION FOR SEQ ID NO:3:
93
94 (i) SEQUENCE CHARACTERISTICS:
95 (A) LENGTH:58 amino acids
96 (B) TYPE: amino acid
97 (C) STRANDEDNESS: single
98 (D) TOPOLOGY: linear
99

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100 (ii) MOLECULE TYPE: protein
101
102 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
103
104 Met His Ser Phe Cys Ala Phe Lys Ala Asp Asp Gly Pro Cys Lys Ala
105 1 5 10 15
106
107 Ile Met Lys Arg Phe Phe Asn Ile Phe Thr Arg Gln Cys Glu Glu
108 20 25 30
109
110 Phe Ile Tyr Gly Gly Cys Glu Gly Asn Gln Asn Arg Phe Glu Ser Leu
111 35 40 45
112
113 Glu Glu Cys Lys Lys Met Cys Thr Arg Asp
114 50 55
115
116 (2) INFORMATION FOR SEQ ID NO:4:
117 (i) SEQUENCE CHARACTERISTICS:
118 (A) LENGTH: 58 amino acids
119 (B) TYPE: amino acid
120 (C) STRANDEDNESS: single
121 (D) TOPOLOGY: linear
122
123 (ii) MOLECULE TYPE: protein
124
125
126 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
127
128 Met His Ser Phe Cys Ala Phe Lys Ala Asp Asp Gly His Cys Lys Ala
129 1 5 10 15
130
131 Asn His Gln Arg Phe Phe Asn Ile Phe Thr Arg Gln Cys Glu Glu
132 20 25 30
133
134 Phe Ser Tyr Gly Gly Cys Gly Asn Gln Asn Arg Phe Glu Ser Leu
135 35 40 45
136
137 Glu Glu Cys Lys Lys Met Cys Thr Arg Asp
138 50 55
139
140 (2) INFORMATION FOR SEQ ID NO:5:
141 (i) SEQUENCE CHARACTERISTICS:
142 (A) LENGTH: 58 amino acids
143 (B) TYPE: amino acid
144 (C) STRANDEDNESS: single
145 (D) TOPOLOGY: linear
146
147 (ii) MOLECULE TYPE: protein
148
149
150 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
151
152 Met His Ser Phe Cys Ala Phe Lys Ala Asp Asp Gly His Cys Lys Ala

**RAW SEQUENCE LISTING
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153 1 5 10 15
154
155 Ser Leu Pro Arg Phe Phe Asn Ile Phe Thr Arg Gln Cys Glu Glu
156 20 25 30
157
158 Phe Ile Tyr Gly Gly Cys Glu Gly Asn Gln Asn Arg Phe Glu Ser Leu
159 35 40 45
160
161 Glu Glu Cys Lys Lys Met Cys Thr Arg Asp
162 50 55
163
164 (2) INFORMATION FOR SEQ ID NO:6:
165 (i) SEQUENCE CHARACTERISTICS:
166 (A) LENGTH:58 amino acids
167 (B) TYPE: amino acid
168 (C) STRANDEDNESS: single
169 (D) TOPOLOGY: linear
170
171 (ii) MOLECULE TYPE: protein
172
173
174 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
175
176 Met His Ser Phe Cys Ala Phe Lys Ala Asp Asp Gly Pro Cys Lys Ala
177 1 5 10 15
178
179 Asn His Leu Arg Phe Phe Asn Ile Phe Thr Arg Gln Cys Glu Glu
180 20 25 30
181
182 Phe Ser Tyr Gly Gly Cys Gly Asn Gln Asn Arg Phe Glu Ser Leu
183 35 40 45
184
185 Glu Glu Cys Lys Lys Met Cys Thr Arg Asp
186 50 55
187
188 (2) INFORMATION FOR SEQ ID NO:7:
189 (i) SEQUENCE CHARACTERISTICS:
190 (A) LENGTH:58 amino acids
191 (B) TYPE: amino acid
192 (C) STRANDEDNESS: single
193 (D) TOPOLOGY: linear
194
195 (ii) MOLECULE TYPE: protein
196
197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
198
199 Met His Ser Phe Cys Ala Phe Lys Ala Asp Asp Gly His Cys Lys Ala
200 1 5 10 15
201
202 Asn His Gln Arg Phe Phe Asn Ile Phe Thr Arg Gln Cys Glu Glu
203 20 25 30
204
205 Phe Thr Tyr Gly Gly Cys Gly Asn Gln Asn Arg Phe Glu Ser Leu

**RAW SEQUENCE LISTING
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206 35 40 45

207
208 Glu Glu Cys Lys Lys Met Cys Thr Arg Asp
209 50 55210
211 (2) INFORMATION FOR SEQ ID NO:8:
212 (i) SEQUENCE CHARACTERISTICS:
213 (A) LENGTH: 58 amino acids
214 (B) TYPE: amino acid
215 (C) STRANDEDNESS: single
216 (D) TOPOLOGY: linear
217218 (ii) MOLECULE TYPE: protein
219220
221 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
222223 Met His Ser Phe Cys Ala Phe Lys Ala Asp Asp Gly His Cys Lys Ala
224 1 5 10 15225
226 Asn His Gln Arg Phe Phe Phe Asn Ile Phe Thr Arg Gln Cys Glu Gln
227 20 25 30228
229 Phe Thr Tyr Gly Gly Cys Ala Gly Asn Gln Asn Arg Phe Glu Ser Leu
230 35 40 45231
232 Glu Glu Cys Lys Lys Met Cys Thr Arg Asp
233 50 55234
235 (2) INFORMATION FOR SEQ ID NO:9:
236 (i) SEQUENCE CHARACTERISTICS:
237 (A) LENGTH: 58 amino acids
238 (B) TYPE: amino acid
239 (C) STRANDEDNESS: single
240 (D) TOPOLOGY: linear241
242 (ii) MOLECULE TYPE: protein243
244 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
245246
247 Met His Ser Phe Cys Ala Phe Lys Ala Asp Asp Gly His Cys Lys Ala
248 1 5 10 15249
250 Ser Leu Pro Arg Phe Phe Phe Asn Ile Phe Thr Arg Gln Cys Glu Glu
251 20 25 30252
253
254 Phe Ile Tyr Gly Gly Cys Gly Asn Gln Asn Arg Phe Glu Ser Leu
255 35 40 45256
257 Glu Glu Cys Lys Lys Met Cys Thr Arg Asp
258 50 55

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**SEQUENCE VERIFICATION REPORT
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Line

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Original Text